Dealer/Franchise

UPDATE

RSCC/PLUSCC UPDATE 1985-33
** Internal Distribution Only **
Lists A, B, E, G, H, J, K1, M, U
15 September 1985   Page 1

TANDY
COMPUTER PRODUCTS

INDEX

TANDY...
Clearly Superior

PRODUCT NEWS

The following information is provided by Technical Support,
Computer Customer Service, and Computer Merchandising.

SUPERSCRIPSIT (26-1590, 26-1595) - NEW PRINTER DRIVERS (700-2294)

The new SuperSCRIPSIT Printer Drivers package comes with two diskettes, one with
drivers for Model III SuperSCRIPSIT and the other with drivers for the Model 4
version.

The package contains drivers for the following Tandy printers:

DMP110	DMP430	DW2
DMP130	DMP500	DW2B
DMP200	DMP2100	DWP210
DMP400	DMP2200	DWP220
DMP420	DMP2100P (Elite)	DWP410
	DMP2100P (Courier)	DWP510

Copy the appropriate printer driver to the SuperSCRIPSIT system diskette by placing
the SuperSCRIPSIT diskette in Drive 0 and the Printer Drivers diskette in Drive 1,
then type:

    COPY *printer* /CTL:1 :0 <ENTER>

printer is the name of the desired printer selected from the above list.

NOTES:
The DMP110 does not do superscript, subscript, half linespacing, strike-through, or
top of form.

The DWP-210, DWP-220, and all DMP's do not double underline.

The 12 pitch mode for the DMP-130 and DMP-2200 is standard 12 pitch rather than
correspondence 12 pitch due to SuperSCRIPSIT's design constraints.

The DMP-430 does not boldface in 12 pitch.

A change has been made to the DWP210 driver, DWP210/CTL, to correct the width of the
hyphen '-'. This problem was only evident when printing justified, proportionally
spaced text with one or more hyphens.

Before attempting to use a user defined printer code to print a high bit character,
consult your printer's Operation Manual to insure your printer supports that code.
If the code is not supported and you attempt to print it, you may get unusual
results.

DOW JONES MARKET ANALYZER (26-1606) - PRINTING CHARTS

In order to print charts with the Dow Jones Market Analyzer the Master diskette must be updated following the instructions in the Addendum now included in this package. Packages ordered from the warehouse prior to August 1985 do not include this addendum. It is reprinted in its entirety below:

ADDENDUM TO DOW JONES MARKET ANALYZER™ MANUAL (CAT. NO. 26-1606)

PRINT SPECIFICATIONS

This addendum provides the specifications required for printing charts using the Dow Jones Market Analyzer package. Use this addendum as a supplement to your Dow Jones Market Analyzer user's manual.

REQUIREMENTS

To print charts, you need a graphics board and a diskette containing BASICG (Graphics BASIC). Then, update your Dow Jones Market Analyzer System Master diskette by following the instructions below that pertain to your Model III configuration.

SYSTEM UPDATE

One-Drive Systems

1. Insert your Dow Jones Market Analyzer System Master diskette in Drive 0, close the drive door, and press the reset button. Enter the date and time in the requested format.
2. When the Dow Jones Market Analyzer menu appears, press <BREAK>.
3. At the Ready > prompt, type LOAD"RMRBOOT" <ENTER>.
4. Type the following lines:
    40 CLS:CMD"I","DO START" <ENTER>
    SAVE"RMRBOOT" <ENTER>
5. Type CMD"S" <ENTER> to return to the TRSDOS Ready prompt.
6. Type BUILD START:0 <ENTER>.
7. Type PAUSE ** Insert Hi Res Graphics diskette in Drive 0 ** <ENTER>.
8. Type BASICG -F:3V -M:64300 <ENTER>.
9. Type 10 PRINT"Insert Dow Jones Market diskette in Drive 0 <ENTER>.
10. Type 20 INPUT"Press ENTER when done";X:RUN"RMRMENU" <ENTER>.
11. Type CLS:RUN <ENTER>.
12. Press <BREAK>.

Make a backup of the modified diskette, and use it as your new working Dow Jones Market Analyzer System diskette. From now on, the screen prompts you to switch diskettes whenever you want to print charts.

DOW JONES MARKET ANALYZER (26-1606) - PRINTING CHARTS (continued)

Multi-Drive Systems

.   Insert a BACKUP of your BASICG diskette in Drive 0.

:   Type PURGE:0 <ENTER>, and answer <Y> to each prompt that appears. When
     all files are purged, TRSDOS Ready appears.

'   Insert your Dow Jones Market Analyzer System Master diskette in Drive 1.
     Type the following lines:

```
COPY RMRMENU:1 :0 <ENTER>
COPY RMRICHRT:1 :0 <ENTER>
COPY RMRCCHRT:1 :0 <ENTER>
COPY RMRMAINT:1 :0 <ENTER>
COPY RMRLOG:1 :0 <ENTER>
COPY RMRDC:1 :0 <ENTER>
COPY RMRDUM:1 :0 <ENTER>
COPY RMRDMCOM:1 :0 <ENTER>
COPY RMRHVCOM:1 :0 <ENTER>
COPY RMREZ:1 :0 <ENTER>
COPY RMREZCOM:1 :0 <ENTER>
COPY PRT/CMD:1 :0 <ENTER>
COPY SETUP:1 :0 <ENTER>
COPY TYMNET:1 :0 <ENTER>
COPY TELENET:1 :0 <ENTER>
COPY ALTERNAT:1 :0 <ENTER>
COPY UNINET:1 :0 <ENTER>
COPY RMRBOOT:1 :0 <ENTER>
AUTO BASICG RMRBOOT -F:3V -M:64306 <ENTER>
```

The diskette in Drive 0 is your new master system diskette. Make backups of this
diskette and use the copies as working diskettes. Store the master system diskette
in a safe place. Do not use the master for daily operations.

                              RADIO SHACK, A DIVISION OF TANDY CORPORATION

XENIX 3 1 - CONFIGURATION FILES (700-3033)

The Xenix 3.1 Configuration Files diskette, 700-3033, will enable users to configure
their 3.1 operating system to their own specifications. This diskette should be
available shortly after the 3.1 upgrade is released (at least 4 to 6 weeks down the
road)

NOTE· This diskette is for advanced users and requires the 3.0 Development System
(26-6402) currently projected to be available 11/15/85.

EDUCATION

PERSONAL COMPUTER APPLICATIONS (26-2590)

Part One of the Personal Computer Applications course is now available from TEW
Suggested retail for the course is $500.00. Extra student manuals (26-2591, $4 95)
are also available.

A detailed description of the course appeared on page 6 of RSCC/PLUSCC UPDATE 1985-27.
The Personal Computer Applications course is based on the Tandy 1000 and Deskmate.
It is an ideal choice for education customers who are looking for computer literacy/
computer applications teaching materials.

Part one introduces the microcomputer, word processing applications, and database
applications. Part Two of the course, still in development, covers spreadsheet
applications, integrated uses, and introductory programming concepts.

SUPER LOGO FOR THE TANDY COLOR COMPUTER

Super LOGO for the Color Computer is now available. Here's a list of the versions
with their hardware requirements and prices:

CAT NO	TITLE	PRICE*	REQUIREMENTS
26-2716	Super LOGO Disk	99.00	32K CoCo Disk System
26-2738	Super LOGO Network 2	299.00	Network 2 & 32K Student Stations

Please note that the Network 2 version of Super LOGO is a complete Network 2
version. No additional software is required. This is an important difference from
regular Color LOGO. To operate on the Network 2, Color LOGO requires use of a LOGO
diskette at the teacher's disk system, plus a Program Pak at every student station
Network 2 Super LOGO does not require Program Paks. The only software required is
the Network 2 Super LOGO diskette, which is used at the teacher's system.

Here is a brief summary of some of the special features of Super LOGO:

* List processing with words, sentences, and simple lists is provided.
  (Nested lists are not supported.)
* Multiple turtles allow multiprogramming of games and simulations.
* Sprite-like forms can be created.
* Two-decimal arithmetic is supported.
* Color graphics can be printed to an ink jet printer.
* A TRACE command is included to allow debugging.

Currently, we have no plans to release the Program Pak™ version of Super LOGO
(26-27.7) until the Color LOGO Program Pak™ (26-2722) sells out. Keep an eye on the
Computer Product availability list for further availability information.

CSR GRAPEVINE

As indicated by the name, "Grapevine", this section is where Customer
Service Representatives share information with each other. It is here you
can communicate your latest findings and "bits of wisdom" to all CSR's. If
you wish to contribute to the CSR Grapevine use the Submission Form attached
to the last Update of each month, or send your information to CompuServe ID
number 70007,535. Please be sure to include your Name and Store Number.

NOTE: We attempt to separate fact from fiction but not being omniscient we
may occasionally goof. If so, let us know about it. We'll gladly correct
ourselves.

WARNING: The information contained in the CSR Grapevine is made available on
an "as is" basis for the use of store personnel only. Much of the
information will not be supported by Computer Customer Service and in no way
shall Tandy Corporation be responsible for any problems caused by the use of
this information.

All articles which do not include a by-line came from Computer Customer
Service.

MODEL 100 BASIC PROGRAMS

The following programs were originally PC-2 programs which have been re-written to
run on the Model 100. These BASIC programs, Black Hole, and Texas Flag, should run
on other Radio Shack computers with little or no adjustment. They require the
CGP-115 printer (26-1192).


```
2000 ' Black Hole
2010 LPRINT CHR$(18);"C1"
2020 LPRINT "L0":LPRINT "S1"
2030 LPRINT "M20,-300"
2040 LPRINT "I"
2050 ON ERROR GOTO 3000
2060 LPRINT "D0,250,435,250,435,-200,0,-200,0,0"
2070 LPRINT "M0,230"
2080 LPRINT "D435,230"
2090 LPRINT "M15,232":LPRINT "C2":LPRINT "Potential Energy Near a Black Hole"
2100 LPRINT "C0":GOSUB 2200
2110 LPRINT "M0,-300"
2120 LPRINT "A"
2130 MENU
2200 FOR X=-10 TO 10
2210 FOR Y=-10 TO 10
2220 GOSUB 2450
2230 IF Y<>-10 THEN LPRINT "M";A;",";B:LPRINT "D";C;",";D
2240 A=C:B=D
2250 NEXT Y
```

MODEL 100 BASIC PROGRAMS (continued)

```
2260 NEXT X
2300 FOR Y=-10 TO 10
2310 FOR X=-10 TO 10
2320 GOSUB 2450
2330 IF X<>-10 THEN LPRINT "M"A;",";B:LPRINT "D";C;",";D
2340 A=C B=D
2350 NEXT X
2360 NEXT Y
2370 RETURN
2450 Z=-2/SQR(X*X+Y*Y)
2500 C=8+5*(X+0)+5*(Y+10)
2510 D=50-2.5*(X+10)+2.5*(Y+10)+50*Z
2520 C=2*C:D=2*D
2530 RETURN
3000 IF ERR=11 THEN Z=-2.5:RESUME 2500 ELSE ON ERROR GOTO 0


5000 ' Texas Flag
5010 LPRINT CHR$(18);"L0"
5020 LPRINT "C3"
5030 LPRINT "M75,-200"
5040 LPRINT "I"
5050 LPRINT "D0,200,300,200,300,0,0,0"
5060 LPRINT "M100,100"
5070 LPRINT "D300,100"
5080 LPRINT "M100,0"
5090 LPRINT "D100,200"
6000 LPRINT "M100,100":L=100:R=300
6010 FOR Y=100 TO 0 STEP -2
6020 LPRINT "D";L;",";Y;",";R;",";Y;",";R;",";Y-1;",";L;",";Y-1
6030 NEXT Y
6040 LPRINT "M0,200"
6050 LPRINT "C1":L=0:R=100
6060 FOR Y=200 TO 132 STEP -2
6070 LPRINT "D";L;",";Y;",";R;",";Y;",";R;",";Y-1;",";L;",";Y-1
6080 NEXT Y
6090 FOR I=131 TO 110 STEP -2
6100 Y=I:GOSUB 6630
6110 LPRINT "D";L1;",";Y;",";R1;",";Y
6120 LPRINT "M";L2;",";Y
6130 LPRINT "D";R2;",";Y
6140 Y=I-1:GOSUB 6630
6150 LPRINT "D";R2;",";Y;",";L2;",";Y
6160 LPRINT "M";R1;",";Y
6170 LPRINT "D";L1;",";Y
6180 NEXT I
6190 FOR I=110 TO 94 STEP -2
6200 Y=I:GOSUB 6660
6210 LPRINT "D";L1;",";Y;",";R1;",";Y
6220 LPRINT "M";L2;",";Y
6230 LPRINT "D";R2;",";Y
```

MODEL 100 BASIC PROGRAMS (continued)

```
6240 Y=I-1:GOSUB 6660
6250 LPRINT "D";R2;",";Y;",";L2;",";Y
6260 LPRINT "M";R1;",";Y
6270 LPRINT "D";L1;",";Y
6280 NEXT I
6290 FOR I=94 TO 84 STEP -2
6300 Y=I:GOSUB 6690
6310 LPRINT "D";L1;",";Y;",";R1;",";Y
6320 LPRINT "M";L2;",";Y
6330 LPRINT "D";R2;",";Y
6340 Y=I-1:GOSUB 6690
6350 LPRINT "D";R2;",";Y;",";L2;",";Y
6360 LPRINT "M";R1;",";Y
6370 LPRINT "D";L1;",";Y
6380 NEXT I
6390 FOR I=84 TO 66 STEP -2
6400 Y=I:GOSUB 6720
6410 LPRINT "D";L1;",";Y;",";R1;",";Y
6420 LPRINT "M";L2;",";Y:LPRINT "D";R2;",";Y
6430 LPRINT "M";L3;",";Y:LPRINT "D";R3;",";Y
6440 Y=I-1:GOSUB 6720
6450 LPRINT "D";R3;",";Y;",";L3;",";Y
6460 LPRINT "M";R2;",";Y:LPRINT "D";L2;",";Y
6470 LPRINT "M";R1;",";Y:LPRINT"D";L1;",";Y
6480 NEXT I:L=0:R=100
6490 FOR Y=66 TO 0 STEP -2
6500 LPRINT "D";L;",";Y;",";R;",";Y;",";R;",";Y-1;",";L;",";Y-1
6510 NEXT Y
6520 LPRINT "M-5,212"
6530 LPRINT "C0"
6540 LPRINT "D-5,212,-10,212,-10,-212,-5,-212,-5,212"
6550 LPRINT "M-12,214"
6560 LPRINT "C2"
6570 LPRINT "S1"
6580 LPRINT "P0"
6590 LPRINT "M-12,214"
6600 LPRINT "P*"
6610 LPRINT "M0,-360"
6620 LPRINT "A":END
6630 L1=0:L2=INT((-34/132)*Y+84)
6640 R1=INT((17/66)*Y+16):R2=100
6650 RETURN
6660 L1=0:L2=INT(.977273*Y-31.5)
6670 R1=INT(-.977273*Y+131.5):R2=100
6680 RETURN
6690 L1=0:L2=INT((-34/132)*Y+84)
6700 R1=INT((17/66)*Y+16):R2=100
6710 RETURN
6720 L1=0:L2=INT(.977273*Y-31.5)
6730 L3=INT((-34/132)*Y+84):R1=INT((17/66)*Y+16)
6740 R2=INT(-.977273*Y+131.5):R3=100
6750 RETURN
```

MODEL 4/III PAYROLL (26-1543) - WEST VIRGINIA STATE TAX

Customers must calculate the Adjustment Amount per employee using this formula:

        AMOUNT PAID X # OF PAY PERIODS = ANNUAL PAY
        ANNUAL PAY X 10% = ADJUSTMENT AMOUNT
        IF ADJUSTMENT AMOUNT < 1000 THEN USE ADJUSTMENT AMOUNT
        IF ADJUSTMENT AMOUNT > 1000 THEN USE 1000 AS ADJUSTMENT AMOUNT

Put Adjustment Amount in Employee File on Pay Status Screen in the State Tax column
of $ Adjustment.

NOTE: The tax table has 16 lines. Payroll only allows the user to define 15.
I Recommend that you leave out line 1.

(A STINE 01-7879)

MODEL III/I DISK PAYROLL (26-1556) - WEST VIRGINIA STATE TAX

Customer Service Bulletin 1556-21 must be applied to enter tax tables   The Customer
must calculate the Adjustment Amount per employee using this formula:

        AMOUNT PAID X # OF PAY PERIODS = ANNUAL PAY
        ANNUAL PAY X 10% = ADJUSTMENT AMOUNT
        IF ADJUSTMENT AMOUNT < 1000 THEN USE ADJUSTMENT AMOUNT
        IF ADJUSTMENT AMOUNT > 1000 THEN USE 1000 AS ADJUSTMENT AMOUNT
        # OF EXEMPTION X 800 = EXEMPTION AMOUNT
        EXEMPTION AMOUNT + ADJUSTMENT AMOUNT = TOTAL ADJUSTMENT AMOUNT

Put Total Adjustment Amount in Employee File Maintenance in State Exemption Amount
field.

(A STINE. 01-7879)

MODEL II PAYROLL (26-4503) - WEST VIRGINIA STATE TAX

Customer must calculate the Adjustment Amount per employee using this formula.

        AMOUNT PAID X # OF PAY PERIODS = ANNUAL PAY
        ANNUAL PAY X 10% = ADJUSTMENT = ADJUSTMENT AMOUNT
        IF ADJUSTMENT AMOUNT < 1000 USE ADJUSTMENT AMOUNT
        IF ADJUSTMENT AMOUNT > 1000 USE 1000 AS ADJUSTMENT AMOUNT
        # OF EXEMPTION X 800 = EXEMPTION AMOUNT
        EXEMPTION AMOUNT + ADJUSTMENT AMOUNT = TOTAL ADJUSTMENT AMOUNT

Put Total Adjustment Amount in Employee Maintenance in Exemption Amount under State

NOTE: CSB 4503-32 must be entered to allow for more State Tax lines.

(A. STINE 01-7879)

MODEL 12 & 16 PAYROLL (26-4603 & 6203) - WEST VIRGINIA STATE TAX

Customer must calculate the Adjustment Amount per employee using this formula:

    AMOUNT PAID X # OF PAY PERIODS = ANNUAL PAY
    ANNUAL PAY X 10% - ADJUSTMENT AMOUNT
    IF ADJUSTMENT AMOUNT < 1000 USE ADJUSTMENT AMOUNT
    IF ADJUSTMENT AMOUNT > 1000 USE 1000 AS ADJUSTMENT AMOUNT

Put Adjustment Amount in Employee File Maintenance in field 24 EXM SWT. Press <F1>
to enter $AMT.

NOTE: The tax table has 16 lines. Payroll only allows the user to enter 15.
I recommend that you leave out line 1.

(A. STINE 01-7879)

70-MEG HARD DISK SYSTEM (26-4173, 26-4174) - XENIX 3.0 ONLY!

Please be aware that earlier version of Xenix are not supported with the 70-Meg Hard
Disk System. Also, when formatting and initializing the Xenix 3.0 Operating System
on 70-Megs use the following information:

    Cylinders   1024
    Heads   8

In addition, allow the hard drive to warm-up for about one hour before attempting to
format

(S. ORPEN. 01-7879)

TANDY 1000 (25-1000) - BOOTING FROM HARD DISK

Please be sure to follow the instructions that come with the disk utilities which
instruct you to open the drive door and insure that the disk is removed prior to
attempting to boot from the hard drive. The initialization routine evidently checks
to see if there is a disk in the floppy drive. If there is a disk in the floppy
drive, the Tandy 1000 will boot from floppy.

(T OLIVEIRA. 01-7879)

MICRO ILLUSTRATOR (25-1120, 01.00.00) - GRAPHICS

The Micro Illustrator for the Tandy 1000 can be controlled with either the Color
Touch Pad (26-1185) or the Color Mouse (26-3025). This program requires the use of
two buttons for cursor control and screen/menu control. The Touch Pad has two
buttons. To use the Color Mouse, you must put the mouse in the right joystick port
(this controls the cursor) and to get screen-to-menu and menu-to-screen control use
the <SPACE BAR>. This makes a very affordable package for those who wish to use the
graphics capability of the Tandy 1000.

(J.W. HARSHMAN. STORE #01Y-2254)